O UBIGENE **STR Authentication Report For Cell Line**

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1. Cell Name: L5178Y TK

- 2. Test Method: DNA was extracted using the genome extraction kit (Axygen), amplified using a 21- STR amplification protocol, the STR loci and gender gene Amelogenin were detected on the ABI 3730XL Genetic Analyzer.
- 3. Sample gene genotype analysis result:

	Genoty	pe analysis	results of ST	R and Amel	ogenin loci	in cells	
STR Loci	GERES	STR profile fo	or Sample cell	STR profile for Cell Bank cell			
	0,	Cell name: S	TR25022015	Cell name: L5178YTK+/- clone(3.7.2c)			
	Allele1	Allele2	Allele3	Allele4	Allele1	Allele2	Allele3
18-3	16.0	18.0	20.0)	16.0	18.0	20.0
4-2	21.3	22.3			21.3	22.3	, BIGE
6-7	13.0				13.0		OP
19-2	12.0	13.0			12.0	13.0	
1-2	15.0	17.0			17.0		
7-1	26.2	27.0			26.2		
8-1	13.0	16.0		EN	13.0	16.0	
1-1	14.0	15.0		BIG	14.0	15.0	
3-2	13.0	14.0			13.0	14.0	
2-1	16.0				16.0		, IBIGE
15-3	20.3	22.3			20.3	22.3	0,5
6-4	18.0	19.0			18.0	19.0	
13-1	17.1				17.1	17.2	
11-2	17.0	20.0			17.0	20.0	
17-2	16.0	18.0		-4	16.0	18.0	
12-1	17.0	18.0		BIGE,	17.0	18.0	



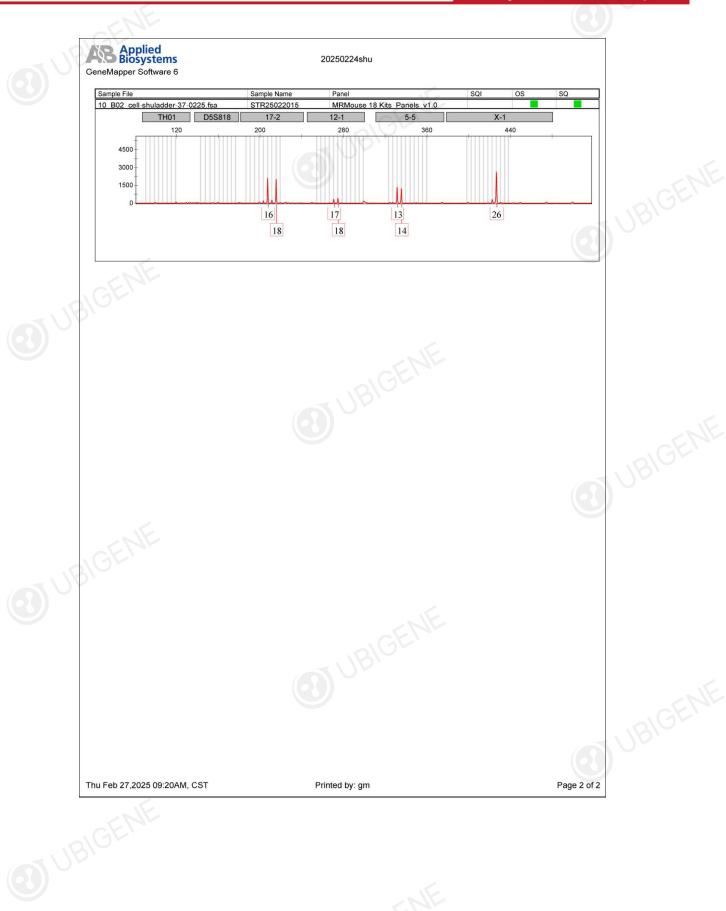
5-5	13.0	14.0		13.0	14.0	
X-1	26.0			26.0		
TH01			CENT			
D5S818			BIG			

4. Conclusion: The STR results of <u>L5178Y TK</u> cells are consistent with the genotypes of <u>L5178YTK+/-clone(3.7.2c)</u> cell lines in <u>EXPASY</u> database, the cell ID corresponded to <u>1101MOU-PUMC000816</u>, and the STR results <u>basically matched</u>. In the test, <u>Multi allele</u> was found in this cell line.

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5. Attached Image





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